



# MODULAR SCALABLE ASSAULT VEST (MSAV)

MSAV-200

The Modular Scalable Assault Vest (MSAV) is a versatile, advanced webless armor platform with endless capabilities of modularity and customization. A purpose-built platform featuring multi-functional / high-performance & proprietary materials that radically lower weight & bulk, the single largest detriment to operational performance and survivability.

Ever-changing situational demands frequent customization and the availability & rapid-access to a comprehensive assortment of feather-light, modular pouches and compatible / optional features such as flotation, hydration, medical / first-aid gear, aviation restraint, and aerial search & rescue. The MSAV armor delivers.

MSAV features SALUTE™ laminate by MIL-PRO®, "A game-changer"!

## STANDARD FEATURES:

- » Modular / Mobile™ shaped soft armor ballistic inserts (SABI) "built for speed"
- » Front & rear internal plate pockets for hard armor ballistic insert (HABI) with built-in height adjustment. Fits 8" x 10" or 10" x 12" SAPI, Swimmer, or full-cut plates
- » Removeable, dedicated side and over-the-shoulder ballistic protection
- » Integrated rear drag-strap (Rated @ 300 lbs.)
- » Integrated M4 3-Mag Shingle
- » Integrated side plate pockets for ESBI
- » Front & rear Velcro® ID pads
- » Easily adjustable shoulder-strap system for comfort
- » 360°, laser-cut, MOLLE attachment points (MAPs)
- » Removeable, laser-cut outer carrier for cleaning, maintenance, or changing colors when/if needed

## AVAILABLE OPTIONS:

- » Hard armor ballistic inserts (HABI), Threat level III / IV
- » Hard armor shoulder protector (HASP), Threat level III / IV
- » Laser-cut bicep protector (Pictured)
- » Laser-cut groin-protector, Standard (Pictured)
- » Laser-cut groin-protector, Enhanced
- » 3-Dimensional, ID Panels in subdued, customized color-scheme, water-proof & feather light
- » MSAV Carry Bag

## COMPATIBLE FLOTATION OPTIONS:

- » Compact Life-Preserver (MP-CLPU)
- » Tactical Life-Preserver (MP-TLPU)
- » Tactical Flotation Aid, Cummerbund (MP-TFAC)
- » Tactical Inflatable Side Pouch (MP-TISP)



## AVAILABLE COLORS:

Black / Coyote 498 / Foliage Green 504 / \*OCP Camouflage  
\*OCP Camouflage available only for military contracts





# SPECIAL OPERATIONS TACTICAL VEST (SOTV)

SOTV-200

The Special Operations Tactical Vest (SOTV) has both the ability to receive soft body armor ballistic inserts (SABI), as well as front, back, and side hard armor ballistic inserts (HABI) for rifle-threat protection. The SOTV is designed specifically to include military fragmentation and / or NIJ threat level IIIA ballistic protection at the "over the shoulder" and the Operators side/underarm. Generous adjustability features allow the SOTV to be worn over the officers' uniform shirt as a "stand alone" vest or, to function as a scalable plate carrier when worn over concealable body armor.

SOTV features SALUTE™ laminate by MIL-PRO®, "A game-changer"!

## STANDARD FEATURES:

- » Modular / Mobile™ shaped soft armor ballistic inserts (SABI) "built for speed"
- » Front & rear internal plate pockets for hard armor ballistic insert (HABI) with built-in height adjustment. Fits 8" x 10" or 10" x 12" SAPI, Swimmer, or full-cut plates
- » Removeable, dedicated side and over-the-shoulder ballistic protection
- » Integrated rear drag-strap (Rated @ 300 lbs.)
- » Bodyside 3-Dimensional Nylon Spacer Fabric
- » Front & rear Velcro® ID pads
- » Built-in side plate pockets
- » Easily adjustable shoulder-strap system for comfort
- » 360°, laser-cut, MOLLE attachment points (MAPs)
- » Removeable, laser-cut outer carrier for cleaning, maintenance, or changing colors when/if needed

## AVAILABLE OPTIONS:

- » Hard armor ballistic inserts (HABI), Threat level III / IV
- » Hard armor shoulder protector (HASP), Threat level III / IV
- » Laser-cut bicep protector (Pictured)
- » Laser-cut groin-protector, Standard (Pictured)
- » Laser-cut groin-protector, Enhanced
- » 3-Dimensional, ID Panels in subdued, customized color-scheme, water-proof & feather light
- » Single Point, Quick Release system for Rapid Ditch
- » TAKTIC quick-release front buckle w /anti-break locking system & beaded lanyard
- » SOTV Carry Bag

## COMPATIBLE FLOTATION OPTIONS:

- » Compact Life-Preserver (MP-CLPU)
- » Tactical Life-Preserver (MP-TLPU)
- » Tactical Flotation Aid, Cummerbund (MP-TFAC)
- » Tacical Inflatable Side Pouch (MP-TISP)



Rear View

## AVAILABLE COLORS:

Black / Coyote 498 / Foliage Green 504 / \*OCP Camouflage

\*OCP Camouflage available only for military contracts







# SPEAR/BALCS/AIR WARRIOR (SBAW)

SBAW-200

The SPEAR/BALCS/AIR WARRIOR vest is a US military workhorse and is worn in diverse configurations by SF, Base Security personnel, and the elite Light Air Warrior aircrew combat personnel. SBAW provides a lightweight and low-bulk means to wear / carry survival equipment that provides survivability capabilities against battlefield threats. This platform delivers overlapping side protection & a wide range of adjustability to fit the 95th percentile of military / agency personnel. Internal front and back plate pockets make the platform slimmer and better suited for confined / tubular spaces. The bodyside material is quick drying, 3-dimensional airflow mesh reduces overall weight and sheds water quickly.

SBAW features SALUTE™ laminate by MIL-PRO®, "A game-changer"!

## STANDARD FEATURES:

- » Modular / Mobile™ shaped soft armor ballistic inserts (SABI) "built for speed"
- » Front & rear internal plate pockets for hard armor ballistic insert (HABI) with built-in height adjustment. Fits 8" x 10" or 10" x 12" SAPI, Swimmer, or full-cut plates
- » Removeable, dedicated side and over-the-shoulder ballistic protection
- » Integrated rear drag-strap (Rated @ 300 lbs.)
- » Bodyside 3-Dimensional Nylon Spacer Fabric
- » Front & rear Velcro® ID pads
- » Integrated side plate pockets for ESBI
- » 360°, laser-cut, MOLLE attachment points (MAPs)
- » Removeable, laser-cut outer carrier for cleaning, maintenance, or changing colors when/if needed

## AVAILABLE OPTIONS:

- » Hard armor ballistic inserts (HABI), Threat level III / IV
- » Hard armor shoulder protector (HASP), Threat level III / IV
- » Laser-cut bicep protector
- » Laser-cut groin-protector, Standard
- » Laser-cut groin-protector, Enhanced
- » 3-Dimensional, ID Panels in subdued, customized color-scheme, water-proof & feather light
- » TAKTIC quick-release front buckle w /anti-break locking system & beaded lanyard
- » SBAW Carry Bag

## COMPATIBLE FLOTATION OPTIONS:

- » Compact Life-Preserver (MP-CLPU)
- » Tactical Life-Preserver (MP-TLPU)
- » Tactical Flotation Aid, Cumberbund (MP-TFAC)
- » Tacical Inflatable Side Pouch (MP-TISP)



Rear View

## AVAILABLE COLORS:

Black / Coyote 498 / Foliage Green 504 / \*OCP Camouflage  
\*OCP Camouflage available only for military contracts





# MULTI-THREAT ARMOR PLATFORM (MTAP)

MTAP-100

The MTAP was created for SWAT & special operation units to ingress & egress from aircraft in routine operations. The lightweight & low bulk vest consists of front, rear, shoulder, and side ballistic coverage. The integrated waist cummerbund integrates easily with assorted flotation options for over-water missions and can be easily adjusted to various torsos for form, fit, & function. The ballistic shoulder pads are fully adjustable to accommodate multiple torso lengths.

MTAP features SALUTE™ laminate by MIL-PRO®, "A game-changer"!

### STANDARD FEATURES:

- » Integrated adjustable ballistic shoulders
- » Integrated adjustable ballistic cummerbund
- » 360° MOLLE type webbing
- » Horizontal knife / blade sleeve on front carrier
- » Integrated rear drag-strap (300 lb. capacity)
- » Front & rear external plate pockets - bottom loading for hard armor ballistic inserts (HABI) with built-in height adjustment. Fits 8" x 10", 10" x 12", SAPI, Swimmer, or Full-Cut plates
- » Comms / hydration channels over both shoulders
- » Easily removable ballistic panels for care / maintenance
- » 500 Denier Nylon CORDURA® outer cover
- » Modular pocket / pouch mounting options

### AVAILABLE OPTIONS:

- » Hard armor ballistic inserts (HABI), Threat level III / IV
- » Hard armor shoulder protector (HASP), Threat level III / IV
- » Bicep protector
- » Groin protector
- » Ballistic shoulder pads
- » Customized ID patch(s)
- » MTAP carry bag

### COMPATIBLE FLOTATION OPTIONS:

- » Compact Life-Preserver (MP-CLPU)
- » Tactical Flotation Aid, Cummerbund (MP-TFAC)
- » Tacical Inflatable Side Pouch (MP-TISP)



Rear View

### AVAILABLE COLORS:

Black / Coyote 498 / Foliage Green 504 / \*OCP Camouflage

\*OCP Camouflage available only for military contracts



The MTAP is also available in SPEAR/BALCS/AIR WARRIOR (SBAW) configuration & sizing for military personnel.







# MISSION SPECIFIC TACTICAL CARRIER (MSTC)

MSTC-100

Man-mounted survival gear that affords survivability capabilities against specific threats is essential. The Mission Specific Tactical Carrier (MSTC) is the ultimate outer enhancement to conventional concealable armor that first-responders are already wearing under the uniform. It achieves the intangible balance between the competing demands of suitable ballistic coverage for the mission, ease of mobility & maneuverability, and the proficiency of performing mission-related functions to ensure mission compatibility. through customizable configurations. The MSTC also offers a fully modular tactical armor package where each ballistic panel is removable ensuring complete flexibility for the operator, based on ever-changing situational demands. Internal front and back plate pockets make the platform slimmer and better suited for constricted or tubular spaces.

MSTC features SALUTE™ laminate by MIL-PRO®, "A game-changer"!

## STANDARD FEATURES:

- » Integrated adjustable ballistic shoulders
- » Integrated adjustable ballistic cummerbund
- » 360° MOLLE type webbing
- » Horizontal knife / blade sleeve on front carrier
- » Integrated rear drag-strap (300 lb. capacity)
- » Front & rear internal plate pockets - bottom loading for hard armor ballistic inserts (HABI) with built-in height adjustment. Fits 8" x 10", 10" x 12", SAPI, Swimmer, or Full-Cut plates
- » Comms / hydration channels over both shoulders
- » Easily removable ballistic panels for care / maintenance
- » 500 Denier Nylon CORDURA® outer cover

## AVAILABLE OPTIONS:

- » TAKTIC™ quick-release front buckle w /anti-break locking system & beaded lanyard
- » Customized, 3-dimensional ID panels in customized color-scheme. Waterproof & feather light
- » Hard armor ballistic inserts (HABI), Threat level III / IV
- » Hard armor shoulder protector (HASP), Threat level III /IV
- » Bicep protector
- » Groin protector, standard
- » Groin protector, enhanced
- » MSTC Carry Bag

## COMPATIBLE FLOTATION OPTIONS:

- » Compact Life-Preserver (MP-CLPU)
- » Tactical Flotation Aid, Cummerbund (MP-TFAC)
- » Tactical Inflatable Side Pouch (MP-TISP)



Rear View

## AVAILABLE COLORS:

Black / Coyote 498 / Foliage Green 504 / \*OCP Camouflage  
\*OCP Camouflage available only for military contracts





# HARD ARMOR BALLISTIC INSERT (HABI)

MIL-HABI-469-ISEH

This Hard Armor Ballistic Insert (HABI) provides ballistic protection from specific 5.56 mm and 7.62 mm rifle projectiles and is designated a critical safety item (CSI). Constructed in compliance with U.S. DOD ballistic, dimensional & weight requirements, this CSI easily integrates with:

- » Body Armor, Multiple Threat, CO / PD-02
- » Outer Tactical Vest (OTV), FQ / PD 07-05
- » Improved Outer Tactical Vest (IOTV)
- » Soldier Plate Carrier System, AR / PD 10-04
- » Modular Scalable Vest, AR / PD 15-03 REV D



### BALLISTIC PERFORMANCE:\*

- » 5.56mm x 45 mm (M855 / SS109)
- » 7.62mm x 51 mm (M80)
- » 7.62mm x 54Rmm (API B32)
- » .30-06-cal, 166 grain M2AP

\* Ballistic test data available upon request

### AVAILABLE COLORS:

Black / Coyote 498 / Foliage Green 504 / \*OCP Camouflage

\*OCP Camouflage available only for military contracts



### CURVATURE:

Multi-Curve

### MATERIALS USED:

Ceramic and DSM Dyneema®

### PROTECTION TYPE:

Special (U.S. Military + NIJ Threat Level IV)

### AVAILABLE SIZES:

TORSO PLATES	*Weight	Thickness	Part ID
Extra-Small	3.80 lbs.	1 in.	HABI-469-ISEH-XS
Small	4.75 lbs.	1 in.	HABI-469-ISEH-SM
Medium	5.45 lbs.	1 in.	HABI-469-ISEH-MD
Large	6.25 lbs.	1 in.	HABI-469-ISEH-LG
Extra-Large	7.10 lbs.	1 in.	HABI-469-ISEH-XL

### SIDE PLATES

6" x 6"	1.84 lbs.	1 in.	HABI-469-ISEH-66
6" x 8"	2.12 lbs.	1 in.	HABI-469-ISEH-68
7" x 8"	2.16 lbs.	1 in.	HABI-469-ISEH-78

\*All weights are approximate

